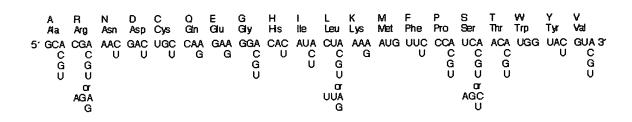
New England Biolabs Technical Literature - Updated 12/31/1969



The Genetic Code



Second Position											
		U		С		Α		G			
First Position (5' end)	U	11114	Phe Leu	UCU UCC UCA UCG	Ser	UAU UAC UAA UAG	Tyr Stop Stop	UGU UGC UGA UGG	Cys Stop Trp	UCAG	Third
	С	CUU CUC L CUA CUG	Leu	CCU CCC CCA CCG	Pro	CAU CAC CAA CAG	His Gln	CGU CGC CGA	Arg	UCAG	
	Α	AUA	lle Met	ACU ACC ACA ACG	Thr	AAU AAC AAA AAG	Asn :	AGU AGC AGA AGG	Ser Arg	U C A G	
	G	GUU GUC GUA GUG	Val	GCU GCC GCA GCG	Ala	GAU GAC GAA GAG	Asp Glu	GGU GGC GGA GGG	Gly ,	UCAG	

Termination Signals

UAA (Ochre) UAG (Amber) UGA (Opal)

Single Letter Code

A = adenosine

C = cytidine

G = guanosine

T = thymidine

B = C or G or T

D = A or G or T

H = A or C or T

K = G or T

M = A or C

N = A or C or G or T

R = A or G S = C or G V = A or C or G W = A or T Y = C or T

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